

NOVEMBER/DECEMBER 2024

BCS61 — CLOUD COMPUTING

Time : Three hours

Maximum : 75 marks

SECTION A — (10 × 2 = 20 marks)

Answer ALL questions.



1. List down the implications of Cloud Technology.
2. State the primary benefits of Cloud Computing.
3. What are the advantages of Cloud Services Development?
4. Why develop Web-Based Applications?
5. Write some examples of Event-Specific Applications.
6. Define: Task Management.
7. What is meant by Map Reduce?
8. Specify the use of Hadoop Library.
9. Differentiate between Data Security and Application Security.
10. What is meant by Security Governance?

SECTION B.— (5 × 5 = 25 marks)

Answer ALL questions.

11. (a) With a neat sketch, explain the Cloud Architecture.

Or

- (b) Summarize about the importance of Cloud Storage.

12. (a) Discuss briefly on SaaS and Paas Models.

Or

- (b) Describe about the concept of On-Demand Computing.

13. (a) How to Collaborating on School Projects? Explain.

Or

- (b) Elucidate the significance of Centralizing Email Communications.

14. (a) Explicate the principles of Iterative Map Reduce.

Or

- (b) Summarize about the Mapping Applications.

15. (a) Outline about the Challenges and Risks in Cloud.

Or

- (b) Describe about the “Risk Management”.

SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Examine the Pros and Cons of Cloud Computing.

17. Analyze the Services and Tools of Cloud Service Development.

18. Discuss about “Collaborating on Group Projects and Events”.

19. Explicate the various Cloud Software Environments.

20. Expound the concept of Virtual Machine Security.

